Specification Amendments:

Please amend the specification as indicated below:

Please replace paragraph [0002] with the following paragraph:

[0002] Historically, telephone facilities and the services provided over the telephone facilities had little in common. Today, asynchronous digital subscriber line (ADSL) is a service of an internet service provider (ISP) delivered over specialized ADSL network equipment that is in part owned by two other entities: the data service provider and the incumbent local exchange carrier (LEC). When the ADSL services does not work, the resolution of the problem may be tackled by three independent work groups: one belonging to each [[to]] of the ISP, the owner of the data facilities (ASI), and the owner of the LEC access facilities. Each entity The entities perform their functions without recourse to a common set of performance data or analysis tools. This causes an inefficient process of trouble resolution, and has a negative impact on service downtime, leading to frustrated customers.

Please replace paragraph [0015] with the following paragraph:

[0015] The telephone number (TN) to port mapping server 102 is coupled to the resource center web server 104 via an intermediate firewall 180. The resource center web server 104 is coupled to the extranet ISP user system 106 via a firewall 182. The resource center web server 104 provides performance analysis data [[170]] which may be displayed to the extranet ISP user via extranet ISP user system 106. The port mapping server 102 includes logic to provide an extensible markup language (XML) interface 172 to external application clients 110. The port mapping server 102 also provides a telephone number interface 174 and access to performance analysis to [[the]] intranet users 108. The port mapping server 102 is further coupled to and responsive to provisioning database 112 and the network discovery and synchronization process module 114. The port mapping server 102 includes stub web servers and has access to a primary and secondary database to perform the telephone number to port mapping and performance analysis functions. An example database is implemented as an SQL type database. Server 102 is coupled to the regional servers 120 to 126 120 - 126 via firewall 184. Each of the regional

servers 120-126 includes skeleton code and includes a data collection engine. Each regional server is coupled to a respective DSLAM management module via a communication line, such as TL1 line, labeled 178.

Please replace paragraph [0016] with the following paragraph:

[0016] During system operation, an input telephone number [[170]] is received at the resource center web server 104, from the extranet ISP user system 106. A telephone number is then passed to the port mapping server 102 across firewall 180 and is received at the stub web server. The stub web server performs a database query such as an SQL query, to the database units which perform telephone number to port mapping. The DSL multiplexer address port corresponding to the particular telephone number received is then provided by the database to logic within the stub portion of the port mapping server 102.

Please replace paragraph [0017] with the following paragraph:

[0017] The port address is then provided across firewall 184 to [[the]] a designated regional server that supports a particular DSLAM having the selected port address. The port address is provided to the appropriate regional server and the regional server then communicates the port address across the communication link to the respective DSLAM management unit. For example, where the selected regional server that supports the DSLAM matching a DSL line having the input telephone number is regional server 120, the port address is then provided to the DSLAM management unit 140 which then performs real time data collection of the performance of the associated DSL line, such as a DSL line supported by DSLAM 150. After the performance test is performed and real time data for the DSL line with the selected port address is collected at the DSLAM unit 140, the collected data is then received at the collection engine within the regional server 120 and is passed back to the first port mapping server 102 for reporting to the appropriate user. For example, the raw data collected from regional server 120 may be processed by performance analysis tools and then the resulting processed and analyzed data may be reported to either application clients 110, intranet users 108, or extranet ISP users via extranet ISP user system 106.

Please replace paragraph [0018] with the following paragraph:

[0018] In another method of operation, newly provisioned telephone numbers are set-up. In this example, where the telephone number matches a DSL line that needs to be provisioned, the stub web server within the port mapping server 102 makes a query to the provisioning database 112 to provide a newly provisioned telephone number. The newly provisioned telephone number has a matching port address which is then provided to the appropriate regional server and the provisioning instructions as well as the port address are then provided to the respective DSLAM which provides the actual provisioning of the DSL circuit. A report on the provisioning and results of provisioning tests are then collected at the collection engine within the regional server and the provisioning report is then processed and provided to respective users, such as extranet users, intranet users, or application client users.

Please replace paragraph [0022] with the following paragraph:

[0022] Referring to FIG. 5, an input screen is shown that may be provided to a user interface such as [[the]] an ISP user interface provided via extranet ISP user system 106. A particular input screen 500 allows an operator to enter a telephone number 502 and user ID 504 into the system and to provide reporting text 506 on a particular line condition. For example, an operations technician may identify a particular error on a DSL line, such as the indicated burst error [[506]] with respect to the telephone number 502.

Please replace paragraph [0023] with the following paragraph:

[0023] Referring to FIG. 6, another illustrative report 600 is shown, the report 600 includes circuit information for a particular DSL line, such as particular circuit card selected 606, DSL card information 602, and port information 604. The report 600 also includes additional information regarding a DSL line such as a port legend [[606]] 610 and a particular circuit card legend 608. The report 600 is an example of a report of analyzed data that was collected in real time and provides an analysis for preferred presentation to an operator or user. Analytical tools may be used to help process the information retrieved and to present a user-friendly view of relevant data for the technical operator.